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RM	UDE:	2002/0038799	04/04/02	Laken,	et al.	219	476	02/12/01	
ĺ		2,799,764	07/16/57	Chandle	er			10/15/53	
		3,425,864	02/04/69	Morey				07/21/65	
		3,697,728	10/10/72	Stirzenl	becher	219	548	12/4/69	
		3,922,386	11/25/75	Ros	·	427	96	01/26/73	
		4,032,751	06/28/77	Youtsey	, et al.	219	538	04/21/75	
		4,039,777	08/02/77	Baker		219	439	06/23/76	
		4,280,046	07/21/81	Shimoto	oŕi	219	544	11/30/79	
		4,310,745	01/12/82	Bender		219	213	11/26/79	
		4,377,618	3/22/83	Ikeda,	et al.	428	323	07/22/81	
RM		4,388,522	06/14/83	Boaz		219	522	02//08/8	2
		·		FOREIG	N PATENT DOCUMENTS				
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TRM		WO 96/11288	04/18/96	PCT		C23C	14/08	1	
1		WO 96/37763	11/28/96	PCT		G01J	05/00	1	
		WO 97/03236	01/30/97	PCT		C30B	31/12		1
		WO 97/33300	09/12/97	PCT		H01J	37/32	1	
Tem		WO 98/51127	11/12/98	PCT		Н05В	03/26	V	
				OTHER	DOCUMENTS (Including	Author, Title,	Date, Pertinent P	ages, Etc.)	
	T	"Rapid Thermal Proce	essing" by Chad	Fasca; Ma	rch 1998; pages 35, 40, an	d 58			
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TEM		4,469,936	09/04/84	Hunter	219	543	3 04/22/83	
		4,485,297	11/27/84	Grise, et al.	219	528	08/21/81	
		4,498,071	02/05/85	Plough, Jr. et al.	338	308	09/30/82	
		4,532,164	07/30/85	Claunch, II et al.	428	36	09/15/83	
		4,679,165	09/29/87	Ishiguro et al.	338	34	10/23/85	
		4,713,350	12/15/87	Schittenhelm, et al.	219	543	09/26/86	
		4,720,716	01/19/88	Ikeda et al.	346	140	11/24/86	
		4,724,305	02/09/88	Iimura et al.	219	469	03/07/86	
		4,725,710	02/16/88	Ramus, et al.	219	203	11/07/85	
		4,733,055	03/22/88	Cunningham	219	540	08/25/86	
RM		4,743,940	05/10/88	Nagasaka, et al	355	3 FU	09/15/87	
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RM		WO 00/29635	05/25/00	PCT	C23C	4/12	J	
1.		WO 00/70915	11/23/00	PCT	H05B	1/02	1	
		WO 01/43506	06/14/01	PCT	H05B	3/14	1	
		GB924497	04/24/63	Great Britain -Abstract Only	C22C	32/00	1	
RM		GB2099670	12/08/82	Great Britain -Abstract Only	H05B	3/14	1	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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5,039,840

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Docket Number (Optional) Application Number **THERMO.1013** 10/743,697 Applicant(s) INFORMATION DISCLOSURE CITATION Abbott, et al. (Use several sheets if necessary) Group Art Unit Filing Date December 22, 2003 375 l **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE DATE CLASS SUBCLASS REF DOCUMENT NUMBER NAME INTTIAL IF APPROPRIATE 29 25.02 07/02/90 5,060,354 10/29/91 Chizinsky TIM 449 07/09/91 5,213,848 05/25/93 Zurecki, et al. 427

Chizinsky

Zurecki, et al.

Holton, et al.

Sugihara, et al.

Nakao

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10/18/91

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10/19/93

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5,252,807

5,254,359

5,260,014

5,269,178

5,324,920

5,364,522

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			5,359,179	10/25/94	Desloge, et al.	219	535	12/29/92	
<u></u> 72	M		5,395,606	03/07/95	Xiao, et al.	423	411	11/03/93	
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Applicant(s) Abbott, et al.	
Filing Date	Group Art Unit
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U.S. PATENT DOCUMENTS

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TEM		5,408,070	04/18/95	Hyllberg	219	469	06/02/93
		5,408,574	04/18/95	Deevi, et al.	392	404	03/23/93
		5,418,885	05/23/95	Hauser, et al.	392	416	12/29/92
		5,420,395	05/30/95	Hyllberg, et al.	219	470	06/28/93
		5,437,547	08/01/95	Holton, et al.	425	548	11/01/93
		5,444,217	08/22/95	Moore, et al.	219	405	01/21/93
		5,498,855	03/12/96	Deevi, et al.	219	553	08/16/94
		5,504,307	04/02/96	Hayashi, et al.	219	543	06/02/94
		5,530,225	06/25/96	Hajaligol, et al.	219	535	11/02/94
,		5,534,231	07/09/96	Savas	216	67	01/17/95
RM		5,595,241	01/21/97	Jelinek	165	80.1	10/07/94

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RM	,	5,600,414	02/04/97	Hyllber	g	399	176	03/13/95	
		5,616,263	04/01/97	Hyllber	g	219	469	04/01/97	
		5,616,266	04/01/97	Cooper		219	543	07/29/94	
		5,624,591	04/29/97	Di Trap	pani	219	522	09/12/95	
		5,643,483	07/01/97	Kubota	, et al.	219	543	03/08/95	
		5,643,839	07/01/97	Takagi		437	247	01/25/95	
			Suzuki,	et al.	313	582	05/30/95		
			09/09/97	Hajalig	ol, et al.	219	553	01/09/95	
		5,667,712	09/16/97	Sutoriu	s, et al.	219	535	02/16/96	
•/		5,714,738	02/03/98	Hauschulz, et al.		219	535	07/10/95	
RM		5,724,187	03/03/98	Varapr	asad, et al.	359	608	04/27/95	
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Prichard, et al.

McHugh

Arx, et al.

Seitz

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		5,322,075	06/21/94	Deevi, et al.	131	194	09/10/92	!
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